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OM protein - protein search, using sw model

Run on: February 20, 2003, 10:19:04 ; Search time 5.32584 Seconds
(without alignments)
33.147 Million cell updates/sec

Title: US-09-778-026-29

Perfect score: 28

Sequence: 1 SHVSS 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents At*

1: /cgn2_6/pdata1/1/aa/5A.COMB.pep:*
2: /cgn2_6/pdata1/1/aa/5B.COMB.pep:*
3: /cgn2_6/pdata1/1/aa/5A.COMB.pep:*
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6: /cgn2_6/pdata1/1/aa/Bactiles.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	28	100.0	6	3	US-08-893-534A-45	Sequence 45, Appl
2	28	100.0	6	4	US-08-996-679-45	Sequence 45, Appl
3	28	100.0	6	4	US-08-939-853A-29	Sequence 29, Appl
4	28	100.0	6	4	US-09-115-395-49	Sequence 49, Appl
5	28	100.0	6	4	US-09-507-102-45	Sequence 45, Appl
6	28	100.0	6	4	US-09-250-059-46	Sequence 46, Appl
7	28	100.0	6	4	US-09-187-859-59	Sequence 59, Appl
8	28	100.0	6	4	US-09-357-717-29	Sequence 29, Appl
9	28	100.0	6	4	US-09-305-927-30	Sequence 30, Appl
10	28	100.0	6	4	US-09-458-870-46	Sequence 46, Appl
11	28	100.0	6	4	US-08-893-534A-16	Sequence 16, Appl
12	28	100.0	8	3	US-08-893-534A-46	Sequence 46, Appl
13	28	100.0	8	4	US-08-996-679-48	Sequence 48, Appl
14	28	100.0	8	4	US-08-939-853A-29	Sequence 29, Appl
15	28	100.0	8	4	US-09-115-395-43	Sequence 43, Appl
16	28	100.0	8	4	US-09-115-395-43	Sequence 43, Appl
17	28	100.0	8	4	US-09-507-102-18	Sequence 18, Appl
18	28	100.0	8	4	US-09-507-102-18	Sequence 18, Appl
19	28	100.0	8	4	US-09-507-102-46	Sequence 46, Appl
20	28	100.0	8	4	US-09-250-059-42	Sequence 42, Appl
21	28	100.0	8	4	US-09-250-059-48	Sequence 48, Appl
22	28	100.0	8	4	US-09-187-859-42	Sequence 42, Appl
23	28	100.0	8	4	US-09-357-717-27	Sequence 27, Appl
24	28	100.0	8	4	US-09-357-717-30	Sequence 30, Appl
25	28	100.0	8	4	US-09-458-870-42	Sequence 42, Appl
26	28	100.0	8	4	US-09-458-870-42	Sequence 42, Appl
27	28	100.0	8	4	US-09-458-870-48	Sequence 48, Appl

28	100.0	9	3	US-08-893-534A-31	Sequence 31, Appl
29	100.0	9	3	US-08-893-534A-32	Sequence 32, Appl
30	100.0	9	4	US-08-996-679-31	Sequence 31, Appl
31	100.0	9	4	US-08-939-853A-29	Sequence 29, Appl
32	100.0	9	4	US-09-115-395-48	Sequence 48, Appl
33	100.0	9	4	US-09-115-395-48	Sequence 48, Appl
34	100.0	9	4	US-09-507-102-32	Sequence 32, Appl
35	100.0	9	4	US-09-507-102-32	Sequence 32, Appl
36	100.0	9	4	US-09-250-059-71	Sequence 71, Appl
37	100.0	9	4	US-09-250-059-72	Sequence 72, Appl
38	100.0	9	4	US-09-248-074-71	Sequence 71, Appl
39	100.0	9	4	US-09-248-074-72	Sequence 72, Appl
40	100.0	9	4	US-09-187-859-51	Sequence 51, Appl
41	100.0	9	4	US-09-357-717-51	Sequence 51, Appl
42	100.0	9	4	US-09-458-870-71	Sequence 71, Appl
43	100.0	9	4	US-09-458-870-72	Sequence 72, Appl
44	100.0	10	3	US-08-893-534A-30	Sequence 30, Appl
45	100.0	10	3	US-09-222-373-39	Sequence 39, Appl

ALIGNMENTS

RESULT 1
US-08-893-534A-45
; Sequence 45, Application US/08893534A
; Patent No. 6031072
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Genentech, Inc.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESS: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; STATE: Seattle
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATE: Release 1.0, Version 11.30
; APPLICATION NUMBER: US/08/893,534A
; FILING DATE: 11-JUL-1997
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark, David J.
; REGISTRATION NUMBER: 31,392
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 622-6031
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; STRATEGY: circular
; MOLECULE TYPE: peptide
; US-08-893-534A-45

Query Match 100.0%; Score 28; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 26; 0; 0;
Matches 6; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

OR 1 SHVSS 6
1 |||||
DB 1 SHVSS 6

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RESULT 2
US-08-996-679-45
Sequence 45, Application US/08996679
Patent No. 6159071
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orcst W.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
SENDER: SEED and BERRY LLP
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 23-DEC-1997
APPLICATION NUMBER: US/08/996,679
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: J. A. HARRIS, JR.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 100086,401C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: circular
MOLECULE TYPE: Peptide
US-08-996-679-45
Query Match 100.0% Score 28; DB 4; Length 6;
Best Local Similarity 100.0%; Pctd. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SHAVSS 6
DB 1 SHAVSS 6

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SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/939,853A
FILING DATE: 29-SEP-1997
CLASSIFICATION: 435
AMINO ACID SEQUENCE INFORMATION:
NAME: Mark David J.
REGISTRATION NUMBER: 32,391
REFERENCE/DOCKET NUMBER: 100086,402
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /note= "Residue may be acetylated"
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Residue may be amidated"
US-08-939-853A-29
Query Match 100.0% Score 28; DB 4; Length 6;
Best Local Similarity 100.0%; Pctd. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SHAVSS 6
DB 1 SHAVSS 6

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RESULT 3
US-08-939-853A-29
Sequence 29, Application US/08939853A
Patent No. 6203788
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orcst W.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR REGULATING
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESS: SEED and BERRY LLP
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 23-DEC-1997
APPLICATION NUMBER: US/08/939,853A
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: J. A. HARRIS, JR.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 100086,401C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: circular
MOLECULE TYPE: Peptide
US-08-939-853A-29
Query Match 100.0% Score 28; DB 4; Length 6;
Best Local Similarity 100.0%; Pctd. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SHAVSS 6
DB 1 SHAVSS 6

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RESULT 4
US-08-115-395-49
Sequence 49, Application US/09115395A
Patent No. 6207639
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orcst W.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NEURITE OUTGROWTH
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESS: SEED and BERRY LLP
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 23-DEC-1997
APPLICATION NUMBER: US/09/115,395A
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: J. A. HARRIS, JR.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 100086,401C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /note= "Residue may be acetylated"
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Residue may be amidated"
US-08-115-395-49
Query Match 100.0% Score 28; DB 4; Length 6;
Best Local Similarity 100.0%; Pctd. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SHAVSS 6
DB 1 SHAVSS 6

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RESULT 5
US-09-507-102-45
Sequence 45, Application US/09507102
Patent No. 6326152
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING
NUMBER OF SEQUENCES: 4711 ADHESION
CORRESPONDENCE ADDRESS:
ADDRESS: SEED IP LAW GROUP PLLC
STREET: 6300 Bank of America Bldg., 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/09-507/102
FILING DATE: 17-Feb-2000
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/893,534
FILING DATE: 11-Jul-1997
APPLICATION NUMBER: US 60/021,612
FILING DATE: 18-Jul-1996
ATTORNEY/AGENT INFORMATION:
NAME: Christlanged, William T.
REGISTRATION NUMBER: 100086,401C10
REFERENCE/DOCKET NUMBER: 44,614
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206/1522-4900
FAX: 206/1522-6031
INFORMATION FOR SEQ ID NO: 45
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: <unknown>
NATURE OF THE SEQUENCE: circular
SEQUENCE DESCRIPTION: SEQ ID NO: 45
US-09-507-102-45
Query Match
Best Local Similarity 100.0%; Score 28; DB 4; Length 6;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SHAVS 6
DB 1 SHAVS 6

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RESULT 6
US-09-250-059-46
Sequence 59, Application US/09250059
Patent No. 6333107
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NEURITE OUTGROWTH
FILE REFERENCE: 100086,401C6
CURRENT FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 87
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 46
LENGTH: 6
RESULT 7
US-09-248-074-46
Sequence 54, Application US/09248074
Patent No. 6346512
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING CELL ADHESION
FILE REFERENCE: 100086,401C5
CURRENT FILING DATE: 1999-02-10
NUMBER OF SEQ ID NOS: 81
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 46
LENGTH: 6
TYPE: PEPT
FEATURE: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Cyclic
OTHER INFORMATION: Peptide with classical cadherin cell adhesion
FEATURE:
OTHER INFORMATION: Cyclic Peptide may comprise N-terminal
OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group
OTHER INFORMATION: and/or terminal modifications such as amide or
OTHER INFORMATION: ester group
US-09-248-074-46
Query Match
Best Local Similarity 100.0%; Score 28; DB 4; Length 6;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SHAVS 6
DB 1 SHAVS 6
RESULT 8
US-09-187-859-59
Sequence 59, Application US/09187859A
Patent No. 6358920
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
FILE REFERENCE: 100086,407C1
CURRENT FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 4052
SOFTWARE: Patentin Ver. 2.0

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; SEQ ID NO 59
; LENGTH: 6
; TYPE: PT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: E-Cadherin Cell1
US-09-187-859-53

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Query Match          100.0%; Score 28; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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OY 1 SHAVS 6
    111111
DB 1 SHAVS 6

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RESULT 9
US-09-357-717-29
; Sequence 29, Application US/09357717
; Patent No. 6417325
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; APPLICANT: Parokh, Riaz
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR CANCER THERAPY
; FILE REFERENCE: 100086.401C7
; CURRENT APPLICATION NUMBER: US/09/357,717
; CURRENT FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 29
; LENGTH: 6
; TYPE: PT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Cyclic
; OTHER INFORMATION: Recyclization sequence
; OTHER INFORMATION: recognition sequence
; FEATURE:
; OTHER INFORMATION: Cyclic Peptide may comprise N-terminal
; OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group
; OTHER INFORMATION: and/or C-terminal modifications such as amide or
; OTHER INFORMATION: ester group
US-09-357-717-23

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Query Match          100.0%; Score 28; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

OY 1 SHAVS 6
    111111
DB 1 SHAVS 6

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RESULT 10
US-09-305-927-30
; Sequence 30, Application US/09305927
; Patent No. 6413139
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Beyer, Stephen
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR INHIBITING
; FILE REFERENCE: 100086.401C3
; CURRENT APPLICATION NUMBER: US/09/305,927
; CURRENT FILING DATE: 1999-05-05
; NUMBER OF SEQ ID NOS: 319
; SOFTWARE: Patentln Ver. 3.0
; SEQ ID NO 30
; LENGTH: 6

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; TYPE: PT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Classical cell adhesion recognition sequence
US-09-305-927-30

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Query Match          100.0%; Score 28; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

OY 1 SHAVS 6
    111111
DB 1 SHAVS 6

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RESULT 11
US-09-458-870-46
; Sequence 46, Application US/09458870
; Patent No. 6465427
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; APPLICANT: Parokh, Riaz
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING CELL ADHESION
; FILE REFERENCE: 100086.401C8
; CURRENT APPLICATION NUMBER: US/09/458,870
; CURRENT FILING DATE: 1999-12-10
; NUMBER OF SEQ ID NOS: 101
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 46
; LENGTH: 6
; TYPE: PT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Cyclic
; OTHER INFORMATION: peptide with classical cadherin cell adhesion
; OTHER INFORMATION: recognition sequence
; OTHER INFORMATION:
; OTHER INFORMATION: Cyclic Peptide may comprise N-terminal
; OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group
; OTHER INFORMATION: and/or C-terminal modifications such as amide or
; OTHER INFORMATION: ester group
US-09-458-870-46

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Query Match          100.0%; Score 28; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

OY 1 SHAVS 6
    111111
DB 1 SHAVS 6

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RESULT 12
US-08-893-534A-18
; Sequence 18, Application US/08893534A
; Patent No. 6031072
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Beyer, Stephen
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING
; NUMBER OF SEQUENCE ADDRESSES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSER: SEED AND BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: New York
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release 11.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,534A
FILING DATE: 11-JUL-1997
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: BISHOP, Orest W.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 100086,401
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: circular
MOLECULE TYPE: peptide
US-08-893-534A-18

Query Match
Best Local Similarity 100.0%; Score 28; DB 3; Length 8;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6
DB 2 SHAVSS 7

RESULT 13
US-08-893-534A-46
Sequence 46, Application US/08893534A
Patent No. 6031072
GENERAL INFORMATION:
NAME: MARK, Orest W.
ATTORNEY/AGENT INFORMATION:
NAME: BISHOP, Orest W.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 100086,401C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 47
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: circular
MOLECULE TYPE: peptide
US-08-893-534A-46

Computer Readable Form:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release 11.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,534A
FILING DATE: 11-JUL-1997
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: BISHOP, Orest W.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 100086,401
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: circular
MOLECULE TYPE: peptide
US-08-893-534A-46

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Query Match
Best Local Similarity 100.0%; Score 28; DB 3; Length 8;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6
DB 2 SHAVSS 7

RESULT 14
US-08-996-679-18
Sequence 18, Application US/08996679
Patent No. 6169071
GENERAL INFORMATION:
NAME: MARK, Orest W.
ATTORNEY/AGENT INFORMATION:
NAME: BISHOP, Orest W.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 100086,401C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: circular
MOLECULE TYPE: peptide
US-08-996-679-18

Query Match
Best Local Similarity 100.0%; Score 28; DB 4; Length 8;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6
DB 2 SHAVSS 7

RESULT 15
US-08-996-679-46
Sequence 46, Application US/08996679
Patent No. 6169071
GENERAL INFORMATION:
NAME: MARK, Orest W.
ATTORNEY/AGENT INFORMATION:
NAME: BISHOP, Orest W.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 100086,401C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 63
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: circular
MOLECULE TYPE: peptide
US-08-996-679-46

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STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
NAME: Mark, David J.
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/996,679
FILING DATE: 23-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mark, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 100086,401C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622,4900
FAX: (206) 622,4901
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS: 46:
LENGTH: 8 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: circular
MOLECULE TYPE: Peptide
US-08-996,679,46
Query Match 100.0%; Score 28; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVS 6
DB 2 SHAVS 7

Search completed: February 20, 2003, 10:28:23
Job time : 5.32584 secs

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 20, 2003, 10:14:48 : Search time 3.50562 Seconds
(without alignments)
43,728 Million cell updates/sec

Title: US-09-778-026-29

Perfect score: 28

Sequence: 1 SHVASS 6

Scoring table: BLOSUM62
Gapop 10.0, Capext 0.5

Searched: 140259 seqs, 2554876 residues

Total number of hits satisfying chosen parameters: 140259

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database: 1: Published_Applications/PA:.*
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3: /cgn2.6/p/odata/1/pubpa/US08_NEM_PUB pep:.*
4: /cgn2.6/p/odata/1/pubpa/US08_NEM_PUB pep:.*
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10: /cgn2.6/p/odata/1/pubpa/US10_NEM_PUB pep:.*
11: /cgn2.6/p/odata/1/pubpa/US10_NEM_PUB pep:.*
12: /cgn2.6/p/odata/1/pubpa/US10_PUBCOMB pep:.*
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14: /cgn2.6/p/odata/1/pubpa/US10_PUBCOMB pep:.*

Pred. No. is the number of results predicted by chance to have a
score of 28 or higher. The number of results having a score of 28
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	28	100.0	6	9	US-09-769-145-46
3	28	100.0	6	9	US-09-778-026-29
4	28	100.0	6	12	US-10-006-982-45
5	28	100.0	8	9	US-09-769-145-42
6	28	100.0	8	10	US-09-759-135-48
7	28	100.0	8	10	US-09-759-135-48
8	28	100.0	8	10	US-09-759-135-48
9	28	100.0	8	10	US-09-759-135-48
10	28	100.0	8	10	US-09-759-135-48
11	28	100.0	8	12	US-10-006-982-46
12	28	100.0	8	12	US-10-006-982-46
13	28	100.0	9	9	US-09-769-145-42
14	28	100.0	9	9	US-09-769-145-42
15	28	100.0	9	12	US-10-006-982-31
16	28	100.0	9	12	US-10-006-982-31
17	28	100.0	10	9	US-09-769-145-70
18	28	100.0	10	9	US-09-185-908-26
19	28	100.0	10	9	US-09-778-026-18

20	28	100.0	10	9	US-09-778-026-19	Sequence 19, Appl
21	28	100.0	10	9	US-10-119-597-14	Sequence 14, Appl
22	28	100.0	10	12	US-10-006-982-30	Sequence 30, Appl
23	28	100.0	10	12	US-10-006-982-30	Sequence 30, Appl
24	28	100.0	10	9	US-09-769-145-7	Sequence 7, Appl
25	28	100.0	10	9	US-09-778-026-8	Sequence 8, Appl
26	28	100.0	10	9	US-09-778-026-9	Sequence 9, Appl
27	28	100.0	10	10	US-10-006-982-6	Sequence 6, Appl
28	28	100.0	10	12	US-09-925-301-843	Sequence 7, Appl
29	28	100.0	10	15	US-09-925-301-843	Sequence 8, Appl
30	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
31	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
32	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
33	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
34	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
35	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
36	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
37	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
38	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
39	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
40	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
41	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
42	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
43	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
44	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl
45	28	100.0	10	16	US-09-742-581-2	Sequence 2, Appl

ALIGNMENTS

RESULT 1: US-09-784-516A-30
US-09-784-516A-30: Application US/09264516A
Sequence 30: US020169106A1
GENERAL INFORMATION:
APPLICANT: Biotech, Orest M.
APPLICANT: Biotech, Stephen J.
TITLE OF INVENTION: CANCER METASTASIS
TITLE OF INVENTION: CANCER METASTASIS
FILE REFERENCE: 10086.407C3
CURRENT FILING DATE: 1999-03-08
CURRENT FILING DATE: 1999-03-08
PRIOR FILING DATE: 1999-01-20
PRIOR FILING DATE: 1998-11-06
PRIOR FILING DATE: 1998-11-06
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 319
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO: 30
TYPE: PPT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: Classical cell adhesion recognition sequence
US-09-264-516A-30
Query Match: 100.0% Score 28, DB 9, Length 6;
Best Local Similarity 100.0% Pred No. 1, Gaps 0;
Matches 6; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;
DB 1 SHVASS 6
OY 1 SHVASS 6
RESULT 2: US-09-769-145-46
US-09-769-145-46: Application US/09765145
Patent No. US20020168761A1

```

? GENERAL INFORMATION:
? APPLICANT: Gour, Barbara J.
? APPLICANT: Blaschuk, Orest W.
? APPLICANT: Ali, Annar
? APPLICANT: Nt, Feng
? APPLICANT: Hsiao, Liang
? APPLICANT: Hsiao, Liang
? APPLICANT: Michael, Stephanie
? APPLICANT: Wang, Shomeng
? APPLICANT: Hu, Zengjian
? TITLE OF INVENTION: PEPTIDOMIMETIC MODULATORS OF CELL ADHESION
? FILE REFERENCE: 100086.41301
? CURRENT APPLICATION NUMBER: US/09/778.026
? PRIORITY NUMBER: 09/08/99.078
? PRIOR FILING DATE: 2000-01-24
? NUMBER OF SEQ ID NOS: 96
? SOFTWARE: PatentIn Ver. 2.0
? SEQ ID NO 46
? LENGTH: 6
? TYPE: PART
? FEATURE: Artificial Sequence
? OTHER INFORMATION: Description of Artificial Sequence: Cyclic
? OTHER INFORMATION: peptide with classical cadherin cell adhesion
? OTHER INFORMATION: recognition sequence
? OTHER INFORMATION: Cyclic Peptide may comprise N-terminal
? OTHER INFORMATION: modification such as acetyl or alkoxylbenzyl group
? OTHER INFORMATION: and/or C-terminal modifications such as amide or
? OTHER INFORMATION: ester group
US-09-778-145-46

Query Match 100.0%; Score 28; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVS 6
DB 1 SHAVS 6

RESULT 3
US-09-778-026-29
? Sequence 43: Application US/08718026
? Publication No: US2003001365A1
? GENERAL INFORMATION:
? APPLICANT: Blaschuk, Orest W.
? APPLICANT: Gour, Barbara J.
? TITLE OF INVENTION: COMPOUNDS AND METHODS FOR REGULATING
? NUMBER OF SEQUENCES: 47
? CORRESPONDENCE ADDRESS:
? ADDRESS: SEED and BERRY LLP
? STREET: 6300 Columbia Center, 701 Fifth Avenue
? CITY: Seattle
? STATE: Washington
? COUNTRY: USA
? ZIP: 98104
? COMPUTER: IBM PC compatible
? MEDIUM TYPE: floppy disk
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: PatentIn Release #1.0, Version #1.30
? CURRENT APPLICATION DATA: US/09/778.026
? APPLICATION NUMBER: US/09/778.026
? PRIORITY NUMBER: 09/08/99.078
? CLASSIFICATION: C12N000000
? ATTORNEY/AGENT INFORMATION:
? NAME: MAKI, David J.
? REGISTRATION NUMBER: 32,391
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (206) 822-3100
? TELEFAX: (206) 822-6031

```

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? INFORMATION FOR SEQ ID NO: 29:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 6 amino acids
? TYPE: amino acid
? STRANDEDNESS: <unknown>
? FEATURE: Linear
? NAME/KEY: Modified-site
? LOCATION: 1
? OTHER INFORMATION: /note= "Residue may be acetylated"
? FEATURE: Modified-site
? NAME/KEY: Modified-site
? LOCATION: 1
? OTHER INFORMATION: /note= "Residue may be acetylated"
? SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-778-026-29

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Query Match 100.0%; Score 28; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVS 6
DB 1 SHAVS 6

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RESULT 4
US-10-006-982-45
? Sequence 43: Application US/10006982
? Publication No: US2003001365A1
? GENERAL INFORMATION:
? APPLICANT: Blaschuk, Orest W.
? APPLICANT: Gour, Barbara J.
? TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING
? NUMBER OF SEQUENCES: 47
? CORRESPONDENCE ADDRESS:
? ADDRESS: SEED IP LAW GROUP PLLC
? STREET: 6300 Bank of America Bldg., 701 Fifth Avenue
? CITY: Seattle
? STATE: Washington
? COUNTRY: USA
? ZIP: 98104
? COMPUTER: IBM PC compatible
? MEDIUM TYPE: floppy disk
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: PatentIn Release #1.0, Version #1.30
? CURRENT APPLICATION DATA: US/10/006.982
? APPLICATION NUMBER: US/10/006.982
? PRIORITY NUMBER: 09/08/99.078
? CLASSIFICATION: C12N000000
? ATTORNEY/AGENT INFORMATION:
? NAME: Christiansen, William T.
? REGISTRATION NUMBER: 44,614
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (206) 622-4500
? TELEFAX: (206) 622-6031
? INFORMATION FOR SEQ ID NO: 45:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 6 amino acids
? TYPE: amino acid
? STRANDEDNESS: <unknown>
? FEATURE: Circular
? NAME/KEY: Circular
? LOCATION: 1
? OTHER INFORMATION: /note= "Residue may be acetylated"
? SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-10-006-982-45

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Query Match 100.0%; Score 28; DB 12; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```


OY 1 SHAVSS 6
DB 1 SHAVSS 6

RESULT 5

US-09-769-145-42
Sequence 42, Application US/09769145
Patent No. US20020168761A1
APPLICANT: Gour, Barbara J.
APPLICANT: Blaschuk, Orest W.
APPLICANT: All, Anmar
APPLICANT: Ni, Feng
APPLICANT: Chen, Zhigang
APPLICANT: Michaud, Stephanie
APPLICANT: Hu, Zengjian
APPLICANT: Wang, Shouang
TITLE OF INVENTION: PEPTIDOMIMETIC MODULATORS OF CELL ADHESION
FILE REFERENCE: 100086.413C1
CURRENT APPLICATION NUMBER: US/09/769,145
CURRENT FILING DATE: 2001-01-24
PRIORITY FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 96
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 42
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Cyclic
OTHER INFORMATION: peptide with classical cadherin cell adhesion
OTHER INFORMATION: recognition sequence
OTHER INFORMATION: Cyclic Peptide may comprise N-terminal
OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group
OTHER INFORMATION: and/or C-terminal modifications such as amide or
OTHER INFORMATION: ester group
US-09-769-145-42

Query Match 100.0%; Score 28; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6
DB 2 SHAVSS 7

RESULT 6

US-09-769-145-48
Sequence 48, Application US/09769145
Patent No. US20020168761A1
GENERAL INFORMATION:
APPLICANT: Gour, Barbara J.
APPLICANT: Blaschuk, Orest W.
APPLICANT: All, Anmar
APPLICANT: Ni, Feng
APPLICANT: Chen, Zhigang
APPLICANT: Michaud, Stephanie
APPLICANT: Hu, Zengjian
APPLICANT: Wang, Shouang
TITLE OF INVENTION: PEPTIDOMIMETIC MODULATORS OF CELL ADHESION
FILE REFERENCE: 100086.413C1
CURRENT APPLICATION NUMBER: US/09/769,145
CURRENT FILING DATE: 2001-01-24
PRIORITY FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 96
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 48
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence

ORGANISM: Artificial Sequence

FEATURE: INFORMATION: Description of Artificial Sequence: Cyclic
OTHER INFORMATION: peptide with classical cadherin cell adhesion
OTHER INFORMATION: recognition sequence
OTHER INFORMATION: Cyclic Peptide may comprise N-terminal
OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group
OTHER INFORMATION: and/or C-terminal modifications such as amide or
OTHER INFORMATION: ester group
US-09-769-145-48

Query Match 100.0%; Score 28; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6
DB 2 SHAVSS 7

RESULT 7

US-09-734-395-307
Sequence 307, Application US/09234395
Patent No. US20020123044A1
APPLICANT: Blaschuk, Orest W.
APPLICANT: Byers, Stephen
APPLICANT: Gour, Barbara J.
TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER
FILE REFERENCE: 100086.407C2
CURRENT APPLICATION NUMBER: US/09/734,395
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 324
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 307
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Product of
OTHER INFORMATION: synthesis and Cyclization based on human
OTHER INFORMATION: N-Cadherin
FEATURE:
OTHER INFORMATION: Cyclic Peptide
US-09-734-395-307

Query Match 100.0%; Score 28; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6
DB 2 SHAVSS 7

RESULT 8

US-09-734-395-314
Sequence 314, Application US/09234395
Patent No. US20020123044A1
APPLICANT: Blaschuk, Orest W.
APPLICANT: Byers, Stephen
APPLICANT: Gour, Barbara J.
TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER
FILE REFERENCE: 100086.407C2
CURRENT APPLICATION NUMBER: US/09/734,395
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 324
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 314
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence

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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Product of
OTHER INFORMATION: Synthesis and Cyclization based on Human
OTHER INFORMATION: N-Cadherin
FEATURE:
OTHER INFORMATION: Cyclic Peptide
US-09-224-395-314
Query Match      100.0%; Score 28; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6
    111111
DB 2 SHAVSS 7

RESULT 9
US-09-305-928-307
Sequence 307, Application US/09305928
Patent No. US2002014687A1
GENERAL INFORMATION:
APPLICANT: Biacchuk, Orest W.
APPLICANT: Bayers Stephen
TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER
FILE REFERENCE: 100086.407C4
CURRENT APPLICATION NUMBER: US/09/305.928
CURRENT FILING DATE: 1999-05-05
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 307
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Product of
OTHER INFORMATION: Synthesis and Cyclization based on Human
FEATURE:
OTHER INFORMATION: Cyclic Peptide
US-09-305-928-307
Query Match      100.0%; Score 28; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6
    111111
DB 2 SHAVSS 7

RESULT 10
US-09-305-928-314
Sequence 314, Application US/09305928
Patent No. US2002014687A1
GENERAL INFORMATION:
APPLICANT: Biacchuk, Orest W.
APPLICANT: Bayers Stephen
TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER
FILE REFERENCE: 100086.407C4
CURRENT APPLICATION NUMBER: US/09/305.928
CURRENT FILING DATE: 1999-05-05
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 314
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Product of
OTHER INFORMATION: Synthesis and Cyclization based on Human

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```

OTHER INFORMATION: N-Cadherin
FEATURE:
OTHER INFORMATION: Cyclic Peptide
US-09-305-928-314
Query Match      100.0%; Score 28; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6
    111111
DB 2 SHAVSS 7

RESULT 11
US-10-006-982-18
Sequence 18, Application US/10006982
Patent No. US20020151475A1
GENERAL INFORMATION:
APPLICANT: Biacchuk, Orest W.
APPLICANT: Gour, Barbara J.
TITLE OF INVENTION: COMPONENTS AND METHODS FOR MODULATING
NUMBER OF INVENTIONS: CELL ADHESION
CORRESPONDENCE ADDRESS:
ADDRESS: SEED IP LAW GROUP PLLC
STREET: 6300 Bank of America Bldg., 701 Fifth Avenue
CITY: Seattle
STATE: Washington
ZIP: 98104
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/10/006.982
FILING DATE: 04-Dec-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Christiansen, William T.
REGISTRATION NUMBER: 44,614
REFERENCE/DOCKET NUMBER: 100086.401C11
TELEPHONE: (206) 622-4800
TELEFAX: (206) 662-6031
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
TYPE: amino acid
SYNTHESIS: <Unknown>
MOLECULE TYPE: peptide
TOPOLOGY: circular
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-006-982-18
Query Match      100.0%; Score 28; DB 12; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6
    111111
DB 2 SHAVSS 7

RESULT 12
US-10-006-982-46
Sequence 46, Application US/10006982
Patent No. US20020151475A1
GENERAL INFORMATION:
APPLICANT: Biacchuk, Orest W.
APPLICANT: Gour, Barbara J.

```

```

? TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING
? NUMBER OF SEQUENCES: 47
? CORRESPONDENCE ADDRESS:
? ADDRESSER: SEED IP LAW GROUP PLLC
? STREET: 6300 Bank of America Bldg., 701 Fifth Avenue
? CITY: Seattle
? STATE: Washington
? COUNTRY: USA
? ZIP: 98101

? COMPUTER READABLE FORM:
? MEDIUM TYPE: floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patentin Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? APPLICATION NO: US-09-769-145-71
? FILING DATE: 04-DEC-2001
? CLASSIFICATION: <unknown>

? ATTORNEY/AGENT INFORMATION:
? NAME: Christensen, William J.
? REGISTRATION NUMBER: 44,614
? REFERENCE/DOCKET NUMBER: 100086.401C11
? TELEPHONE: (206) 622-4900
? TELEFAX: (206) 682-6031

? INFORMATION FOR SEQ ID NO: 46:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 8 amino acids
? TYPE: amino acid
? STRAND: single (unknown)
? TOPOLOGY: circular

? MOLECULE TYPE: peptide
? SEQUENCE DESCRIPTION: SEQ ID NO: 46:
US-10-006-982-46

? Query Match
? Best Local Similarity: 100.0%; Score 28; DB 13; Length 8;
? Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVSS 6
DB 2 SHAVSS 7
|||||

RESULT 13
US-09-769-145-71
? Sequence 71, Application US/09769145
? Patent No. US20020168761A1
? GENERAL INFORMATION:
? APPLICANT: Meng, Shengming
? APPLICANT: Blaschuk, Orest W.
? APPLICANT: All, Amarar
? APPLICANT: Ni, Feng
? APPLICANT: Chen, Zhigang
? APPLICANT: Michaud, Stephanie
? APPLICANT: Wang, Shengming
? TITLE OF INVENTION: PEPTIDOMIMETIC MODULATORS OF CELL ADHESION
? FILE REFERENCE: 100086.413C1
? CURRENT APPLICATION NUMBER: US/09/769,145
? CURRENT FILING DATE: 2001-01-24
? PRIOR APPLICATION NUMBER: US 09/491,078
? NUMBER OF SEQ IDS: 96
? SOFTWARE: Patentin Ver. 2.0
? SEQ ID NO: 71
? LENGTH: 9
? TYPE: PPT
? ORGNISM: Artificial Sequence
? OTHER INFORMATION: Description of Artificial Sequence: Cyclic
? OTHER INFORMATION: peptide with classical cadherin cell adhesion
? OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group
? OTHER INFORMATION: and/or C-terminal modifications such as amide or
? NAME/REV: MOD_RES
? LOCATION: (1)
? OTHER INFORMATION: Where Xaa is
? OTHER INFORMATION: beta,beta-pentamethylene-beta-mercaptopropionic
? OTHER INFORMATION: acid
US-09-769-145-72

? Query Match
? Best Local Similarity: 100.0%; Score 28; DB 9; Length 9;
? Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVSS 6
DB 3 SHAVSS 8
|||||

RESULT 15
US-10-006-982-31
? Sequence 31, Application US/10006982
? Patent No. US2002014475A1
? GENERAL INFORMATION:

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? OTHER INFORMATION: recognition sequence
? OTHER INFORMATION: cyclic peptide may comprise N-terminal
? OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group
? OTHER INFORMATION: modification such as amide or
? NAME/REV: MOD_RES
? LOCATION: (1)
? OTHER INFORMATION: Where Xaa is beta-mercaptopropionic acid
US-09-769-145-71

? Query Match
? Best Local Similarity: 100.0%; Score 28; DB 9; Length 9;
? Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVSS 6
DB 3 SHAVSS 8
|||||

RESULT 14
US-09-769-145-72
? Sequence 72, Application US/09769145
? Patent No. US20020168761A1
? GENERAL INFORMATION:
? APPLICANT: Meng, Shengming
? APPLICANT: Blaschuk, Orest W.
? APPLICANT: All, Amarar
? APPLICANT: Ni, Feng
? APPLICANT: Chen, Zhigang
? APPLICANT: Michaud, Stephanie
? APPLICANT: Wang, Shengming
? TITLE OF INVENTION: PEPTIDOMIMETIC MODULATORS OF CELL ADHESION
? FILE REFERENCE: 100086.413C1
? CURRENT APPLICATION NUMBER: US/09/769,145
? CURRENT FILING DATE: 2001-01-24
? PRIOR APPLICATION NUMBER: US 09/491,078
? NUMBER OF SEQ IDS: 96
? SOFTWARE: Patentin Ver. 2.0
? SEQ ID NO: 72
? LENGTH: 9
? TYPE: PPT
? ORGNISM: Artificial Sequence
? OTHER INFORMATION: Description of Artificial Sequence: Cyclic
? OTHER INFORMATION: peptide with classical cadherin cell adhesion
? OTHER INFORMATION: recognition sequence
? OTHER INFORMATION: cyclic peptide may comprise N-terminal
? OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group
? OTHER INFORMATION: and/or C-terminal modifications such as amide or
? NAME/REV: MOD_RES
? LOCATION: (1)
? OTHER INFORMATION: Where Xaa is
? OTHER INFORMATION: beta,beta-pentamethylene-beta-mercaptopropionic
? OTHER INFORMATION: acid
US-09-769-145-72

? Query Match
? Best Local Similarity: 100.0%; Score 28; DB 9; Length 9;
? Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVSS 6
DB 3 SHAVSS 8
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RESULT 15
US-10-006-982-31
? Sequence 31, Application US/10006982
? Patent No. US2002014475A1
? GENERAL INFORMATION:

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